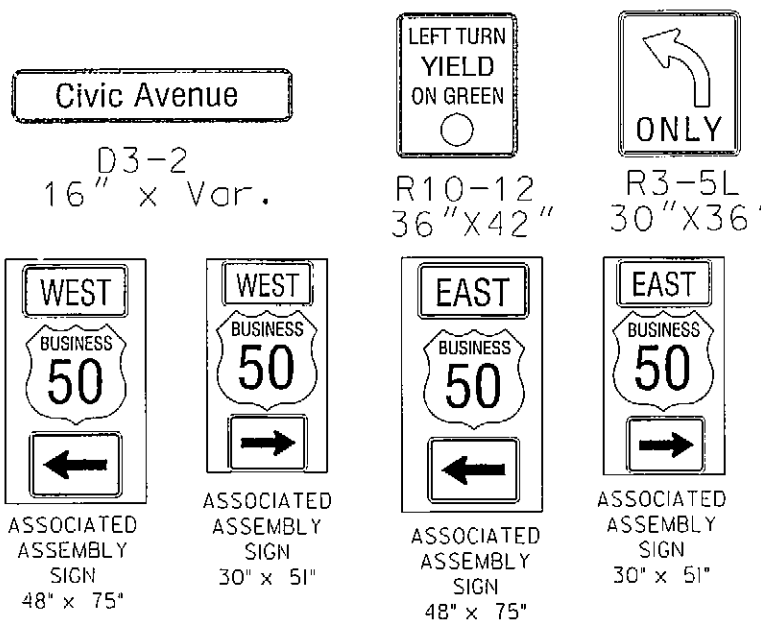
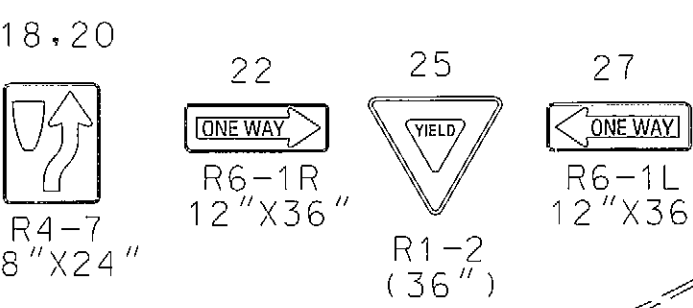


US 50 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

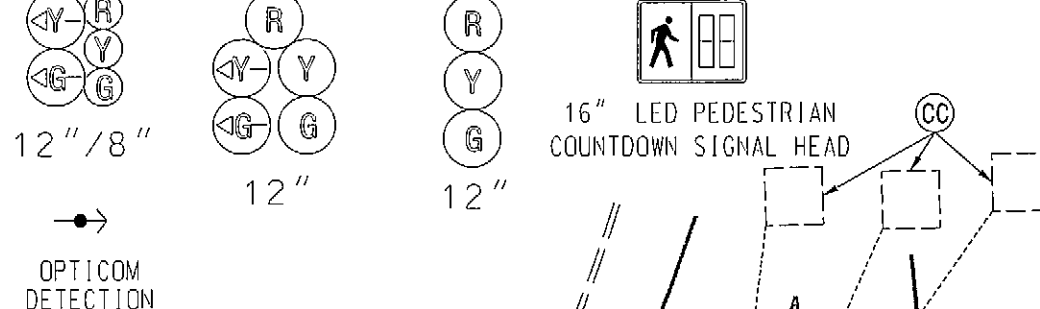
EXISTING SIGNS TO BE REMOVED



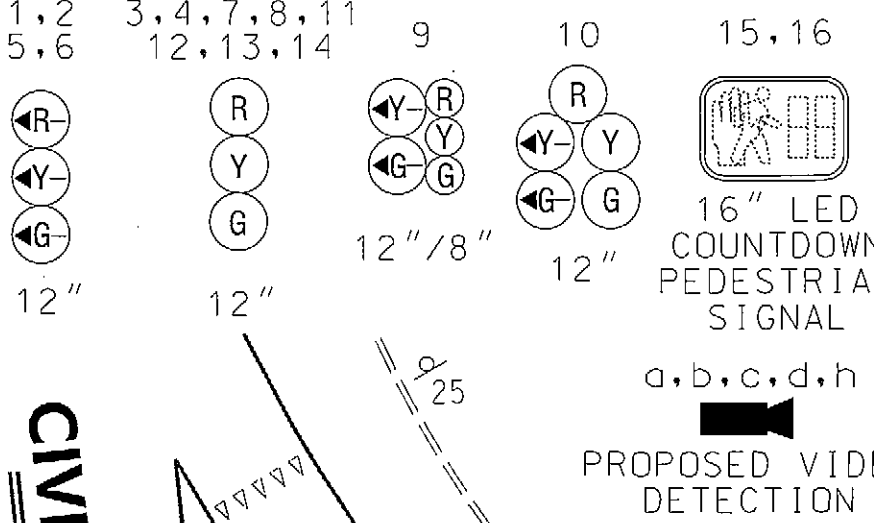
EXISTING SIGNS TO REMAIN



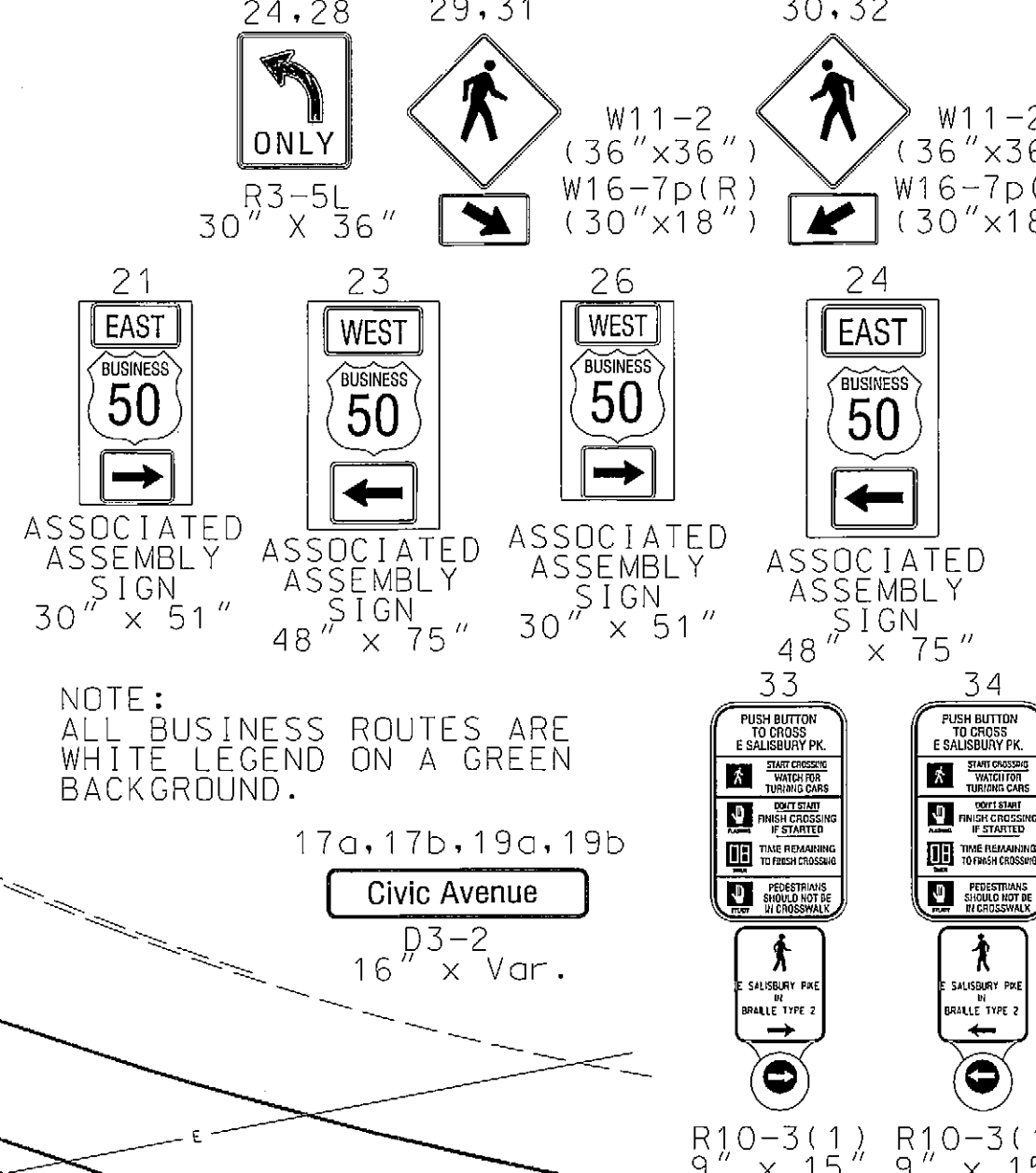
EXISTING EQUIPMENT TO BE REMOVED



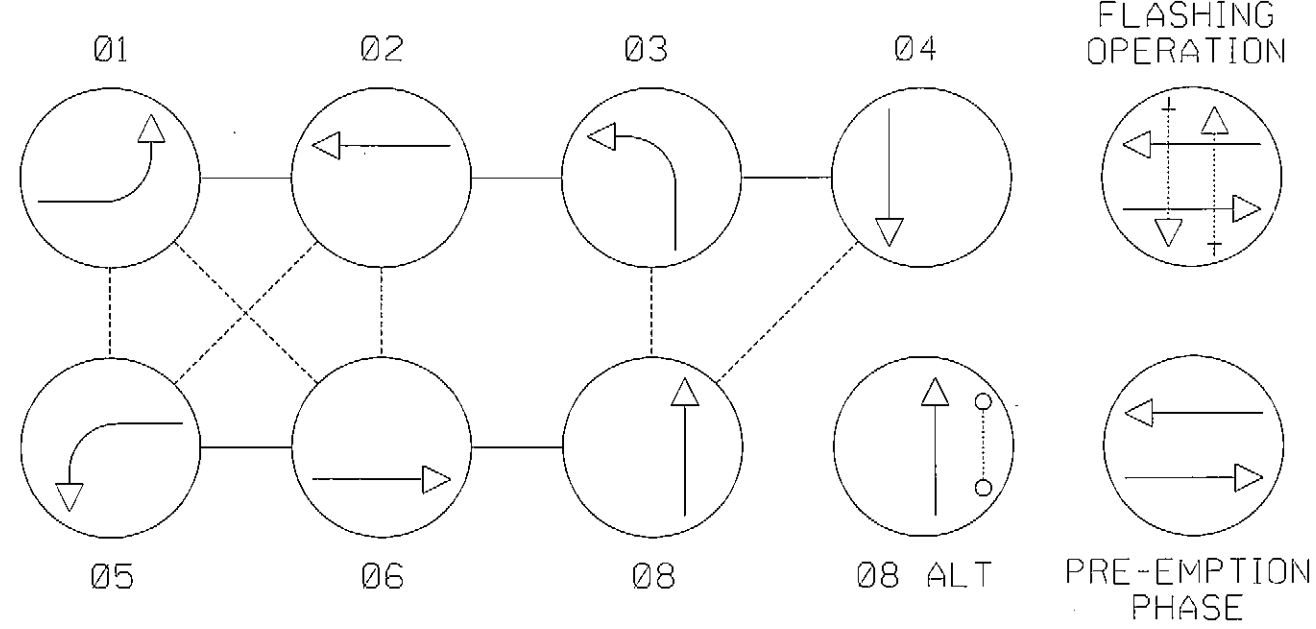
PROPOSED EQUIPMENT



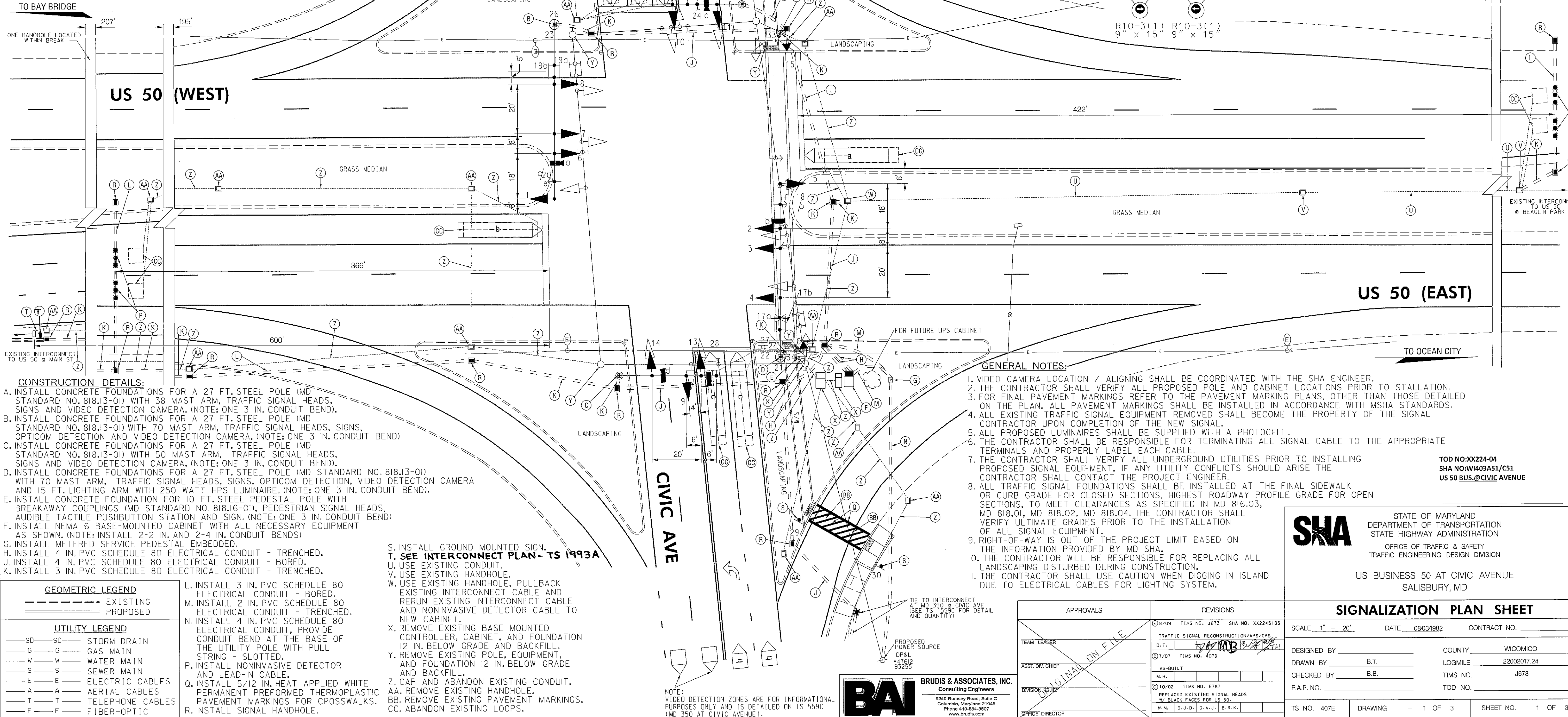
PROPOSED SIGNS



NEMA PHASING



NOTES:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS:**
- A. INSTALL CONCRETE FOUNDATIONS FOR A 27 FT. STEEL POLE (MD STANDARD NO. 818.13-01) WITH 38 MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. CONDUIT BEND).
  - B. INSTALL CONCRETE FOUNDATIONS FOR A 27 FT. STEEL POLE (MD STANDARD NO. 818.13-01) WITH 70 MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, OPTICOM DETECTION AND VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. CONDUIT BEND).
  - C. INSTALL CONCRETE FOUNDATIONS FOR A 27 FT. STEEL POLE (MD STANDARD NO. 818.13-01) WITH 50 MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. CONDUIT BEND).
  - D. INSTALL CONCRETE FOUNDATIONS FOR A 27 FT. STEEL POLE (MD STANDARD NO. 818.13-01) WITH 70 MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, OPTICOM DETECTION, VIDEO DETECTION CAMERA AND 15 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. CONDUIT BEND).
  - E. INSTALL CONCRETE FOUNDATION FOR 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD STANDARD NO. 818.16-01), PEDESTRIAN SIGNAL HEADS, AUDIBLE TACTILE PUSHBUTTON STATION AND SIGN. (NOTE: ONE 3 IN. CONDUIT BEND).
  - F. INSTALL NEMA 6 BASE-MOUNTED CABINET WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. CONDUIT BENDS).
  - G. INSTALL METERED SERVICE PEDESTAL EMBEDDED.
  - H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - I. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - K. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - L. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - M. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - N. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT, PROVIDE CONDUIT BEND AT THE BASE OF THE UTILITY POLE WITH PULL STRING - SLOTTED.
  - O. INSTALL 5/12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALKS.
  - P. INSTALL SIGNAL HANDHOLE.
  - Q. INSTALL GROUND MOUNTED SIGN.
  - R. SEE INTERCONNECT PLAN - TS 1993A.
  - S. USE EXISTING CONDUIT.
  - T. USE EXISTING HANDHOLE.
  - U. USE EXISTING HANDHOLE, PULLBACK EXISTING INTERCONNECT CABLE AND RERUN EXISTING INTERCONNECT CABLE AND NONINVASIVE DETECTOR CABLE TO NEW CABINET.
  - V. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
  - W. REMOVE EXISTING POLE, EQUIPMENT, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
  - X. CAP AND ABANDON EXISTING CONDUIT.
  - Y. REMOVE EXISTING HANDHOLE.
  - Z. REMOVE EXISTING PAVEMENT MARKINGS.
  - AA. ABANDON EXISTING LOOPS.

- GEOMETRIC LEGEND**
- EXISTING
  - PROPOSED
- UTILITY LEGEND**
- SD - STORM DRAIN
  - G - GAS MAIN
  - W - WATER MAIN
  - S - SEWER MAIN
  - E - ELECTRIC CABLES
  - A - AERIAL CABLES
  - T - TELEPHONE CABLES
  - F - FIBER-OPTIC

GENERAL NOTES:

- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO STALLATION.
- 3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- 4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- 5. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- 7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- 8. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- 9. RIGHT-OF-WAY IS OUT OF THE PROJECT LIMIT BASED ON THE INFORMATION PROVIDED BY MD SHA.
- 10. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ALL LANDSCAPING DISTURBED DURING CONSTRUCTION.
- 11. THE CONTRACTOR SHALL USE CAUTION WHEN DIGGING IN ISLAND DUE TO ELECTRICAL CABLES FOR LIGHTING SYSTEM.

TOD NO: XX224-04  
SHA NO: W1403A51/C51  
US 50 BUS. @ CIVIC AVENUE

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US BUSINESS 50 AT CIVIC AVENUE  
SALISBURY, MD

SIGNALIZATION PLAN SHEET

SCALE: 1" = 20' DATE: 08/03/1982 CONTRACT NO. \_\_\_\_\_  
DESIGNED BY: \_\_\_\_\_ COUNTY: WICOMICO  
DRAWN BY: B.T. LOGMILE: 22002017.24  
CHECKED BY: B.B. TMS NO.: J673  
F.A.P. NO. \_\_\_\_\_ TOD NO.: \_\_\_\_\_

TS NO. 407E DRAWING - 1 OF 3 SHEET NO. 1 OF 3

APPROVALS  
TEAM LEADER  
ASS'T DIR. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS  
⑧ 8/09 TMS NO. J673 SHA NO. XX2245185  
TRAFFIC SIGNAL RECONSTRUCTION/APS/CPS  
D.T. 10/10/82  
⑨ 7/07 TMS NO. 407E  
AS-BUILT  
M.H. \_\_\_\_\_  
⑩ 10/02 TMS NO. E767  
REPLACED EXISTING SIGNAL HEADS  
BY 3/10/04 PAGES FOR US 50  
W.M. D.J.D. O.A.J. B.R.K.

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By: xiaoyu